
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Bowman Distribution, Barnes Group Inc.
Product Name: Anchor Cement (DISCONTINUED)

Health	2
Flammability	3
Reactivity	1
Personal Protection	B

HMS Ratings

BOWMAN DISTRIBUTION MATERIAL SAFETY DATA SHEET

Health	2
Flammability	3
Reactivity	1
Specific Hazard	-

NFPA Ratings

SECTION I

PRODUCT NAME ANCHOR CEMENT		BOWMAN PART NO. 38611 (page 1 of 2)
SUPPLIER Bowman Distribution, Barnes Group Inc.	INFORMATION TELEPHONE NO. (216) 391-7200	24 HR. EMERGENCY TELEPHONE NO. (303) 623-5716
ADDRESS 850 East 72nd Street, Cleveland, OH 44103		DATE 2/3/97
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) Resin Solution/Flammable Liquid/UN 1866		
ADDITIONAL HAZARD CLASSES (as applicable) N.A.		
CHEMICAL FAMILY Polyester Resin Adhesive	FORMULA 7511008	

SECTION II - HAZARDOUS INGREDIENTS

CAS REGISTRY NUMBER	%W	%V	CHEMICAL NAME(S)	OSHA PEL	ACGIH TLV	Other Limits (STEL)	Listed as Carcinogen NTP, IARC or OSHA 1910(z) (specify)
Part A:							
36345-15-3	**		Unsaturated Polymer Resin	N.E.	N.E.	N.E.	No
100-42-5	**		Styrene Monomer	100 ppm	50 ppm	100 ppm	IARC (2B)
Part B:							
1357-65-3	**		Limestone (Pulverized)	N.E.	N.E.	N.E.	No
9436-0	**		Benzoyl Peroxide	5 mg/m³	5 mg/m³	N.E.	No
			** Proprietary formula				

This product contains ingredients listed under 40 CFR 372.65, Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA).

SECTION III - PHYSICAL DATA

BOILING POINT PART A: 248 - 282 deg F PART B: decomposes > 150 deg F	SPECIFIC GRAVITY (H ₂ O = 1) part A: 1.66 part B: N.D.	MAXIMUM PERCENT VOC BY WEIGHT (%) % N.D. Method used Calculated
VAPOR PRESSURE (styrene) @ 68 °F ____ °C 5 mm Hg ____ psi	PERCENT VOLATILE BY VOLUME (%) N.D.	
VAPOR DENSITY (AIR = 1) 3.6 (styrene)	EVAPORATION RATE (Ether = 1) N.D.	
SOLUBILITY IN WATER nil	PH = N.D.	PERCENT SOLID BY WEIGHT (%) N.D.
APPEARANCE AND ODOR Part A: Light yellow, viscous liquid, styrene odor. Part B: White powder.		MATERIAL IS: PART A: LIQUID, PART B: POWDER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 93 °F ____ °C method used	FLAMMABLE LIMITS	LEL 1.1	UEL 6.1
EXTINGUISHING MEDIA Carbon dioxide, dry chemical, foam, water.			
SPECIAL FIRE FIGHTING PROCEDURES Cool with water spray. Use self-contained breathing apparatus.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Isolate from heat, electrical equipment, sparks and open flame. Decomposition and combustion products may be toxic.			

SECTION V - HEALTH HAZARD DATA

HEALTH HAZARDS (ACUTE AND CHRONIC - INCLUDE TARGET ORGAN EFFECTS) Styrene is a suspected carcinogen in animals with inconclusive data on humans. The nature and use of this product should not pose a cancer risk to humans.	
CONDITIONS TO AVOID Inhalation, skin and eye contact.	
SIGNS AND SYMPTOMS OF OVEREXPOSURE Causes eye burns. Skin irritant. Can have a narcotic effect if inhaled. Can cause allergic skin and respiratory condition. "Styrene sickness" consisting of drowsiness, nausea, headache, fatigue, and dizziness has been mentioned in workers exposed at 200 - 700 ppm.	
PRIMARY ROUTES OF ENTRY Inhalation <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify) Ingestion, eyes	
EMERGENCY AND FIRST AID PROCEDURES Eyes; Immediately flush with plenty of water for at least 15 minutes. Call a physician. Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. Inhalation: Move victim to fresh air. Give oxygen and/or artificial respiration if needed. Call a physician. Ingestion: Give plenty of water to drink. Do not induce vomiting. Call a physician. Never give anything by mouth to an unconscious person. Other: Referral to a physician is recommended.	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE Skin and eye conditions.	

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	<input checked="" type="checkbox"/>	Stable below 122 degrees F.
INCOMPATIBILITY (materials to avoid) Strong acids, peroxides and other oxidizing agents.			
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	<input checked="" type="checkbox"/>	Styrene will polymerize at elevated temperatures. Benzoyl peroxide will decompose at temperatures > 150 degrees F.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition. Cover with absorbent material and place in salvage container for proper disposal.	
WASTE DISPOSAL METHOD Consult with local regulatory agencies or corporate personnel for disposal methods that comply with local, state and federal health and environmental regulations.	
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs.) N.D.	
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33) N.D.	
VOLATILE ORGANIC COMPOUND (VOC) as packaged, minus water)	<input type="checkbox"/> Theoretical _____ lb/gal <input type="checkbox"/> Analytical _____ lb/gal
N.D.	

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) Use NIOSH approved organic vapor respirator when vapor concentrations exceed recommended exposure limits.	
VENTILATION	General (natural or mechanically induced fresh air movements that maintain vapor concentrations below recommended exposure limits.
PROTECTIVE GLOVES (specify type) Impermeable (neoprene or rubber).	EYE PROTECTION (specify type) Safety glasses (side shields recommended).
OTHER PROTECTIVE EQUIPMENT None	

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep in a cool dry place out of direct rays of sun. Store below 100 degrees F. Keep away from ignition sources such as excess heat, sparks, and open flame.	
PRECAUTIONARY LABELING Warning! Flammable. Causes eye burns and skin irritation. Can have an anesthetic effect if inhaled. Can cause allergic skin and respiratory reactions. Keep away from heat, sparks and open flame. Avoid contact with eyes, skin and clothing. Avoid breathing in vapor. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. Wash thoroughly after handling.	